



PATENTS
107044-0033

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)	
Alan J. Soucy)	
)	Examiner: Not yet assigned
Serial No.: 10/607,699)	
)	
Filed: June 27, 2003)	Art Unit: Not yet assigned
)	
For: METHODS OF PROVIDING RE-)	
FUELING FOR FUEL CELL-)	
POWERED DEVICES)	
		Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210
		October 2, 2003

"Express Mail" Mailing-Label Number: EV 336 757 634 US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION-DISCLOSURE STATEMENT

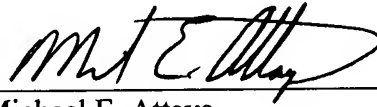
In keeping with the duty of candor and good faith owed to the Patent and Trade-mark Office, Applicant wishes to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicant has described what he considers to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

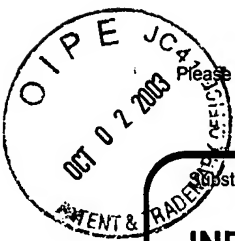
Please charge any additional fee occasioned by this paper to our Deposit Account

No. 03-1237.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael E. Attaya", written over a horizontal line.

Michael E. Attaya
Reg. No. 31,731
CESARI AND MCKENNA, LLP
88 Black Falcon Avenue
Boston, MA 02210-2414
(617) 951-2500



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/607,699
Filing Date	June 27, 2003
First Named Inventor	Alan J. Soucy
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0033

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	4,046,956		Fanciullo	09/06/1977	
	2	4,593,534		Bloomfield	06/10/1986	
	3	5,460,896		Takada et al.	10/24/1995	
	4	5,925,476		Kawatsu	07/20/1999	
	5	6,232,010	B1	Cisar et al.	05/15/2001	
	6	6,265,093	B1	Surampudi et al.	07/24/2001	
	7	6,296,964	B1	Ren et al.	10/02/2001	
	8	6,350,540	B1	Sugita et al.	02/26/2002	
	9	6,410,180	B1	Cisar et al.	06/25/2002	
	10	6,420,059	B1	Surampudi et al.	07/16/2002	
	11	4,673,624		Hockaday	06/16/1987	
	12	4,810,597		Kumagai et al.	03/07/1989	
	13	5,523,177		Kosek et al.	06/04/1996	
	14	5,573,866		Van Dine et al.	11/12/1996	
	15	5,599,638		Surampudi et al.	02/04/1997	
	16	5,631,099		Hockaday	05/20/1997	
	17	5,723,228		Okamoto	03/03/1998	
	18	5,759,712		Hockaday	06/02/1998	
	19	5,766,786		Fleck et al.	06/16/1998	
	20	5,773,162		Surampudi et al.	06/30/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	1	SU	1610522	A	Duovskij et al.	11/30/1999		X
	2	WO	97/50140	A	Pantel et al.	12/31/1997		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

Complete if Known

Application Number	10/607,699
Filing Date	June 27, 2003
First Named Inventor	Alan J. Soucy
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0033

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

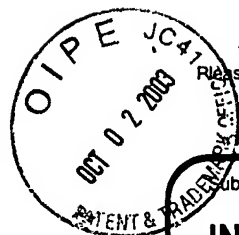
**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number	10/607,699
Filing Date	June 27, 2003
First Named Inventor	Alan J. Soucy
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0033

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1 ✓	Maynard et al. MINIATURIZED FUEL CELLS FOR PORTABLE POWER, Presented at Conference on Small Fuel Cells and Battery Technologies 2000, New Orleans, LA, all pages.	
	2 ✓	U.S. Patent Application Publication No.: US 2002/0155341 A1, Pub. Date: 10/24/2002, by Finkehshtain et al., all pages.	
	3	Sharke, Paul. POCKET-SIZE PEMs, Http://www.memagazine.org/contents/current/features/pems/pems.html , 7/25/00, all pages.	
	4 ✓	Gottesfeld et al. "Polymer Electrolyte Fuel Cells as Potential Power Sources for Portable Electronic Devices", pp. 487-517.	
	5 ✓	Ren, Xiaoming et al. METHANOL CROSS-OVER IN DIRECT METHANOL FUEL CELLS, Electronic and Electrochemical Materials and Devices, MST-11, MS-D429, Los Alamos National Laboratory, NM, pp. 284-293.	
	✓ 6	Narayanan et al. ELECTROCHEMICAL CHARACTERISTICS OF CARBON-SUPPORTED Pt, Pt-Sn, Pt-Ru ELECTRODES FOR THE OXIDATION OF METHANOL AND FORMALDEHYDE, From Fuel Cell Program and Abstracts, 1992 Fuel Cell Seminar, pp. 233-236 and 461-464.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.